

M. tuberculosis Gyrase Buffers

Product Description (MTB001 and MTB002)

For use with M. tuberculosis DNA gyrase enzyme and overexpressed cell extracts containing *M. tuberculosis* DNA gyrase. Store at -80°C.

For in vitro laboratory research use only.

Dilution Buffer (1X)

50 mM Tris.HCl (pH 7.9) 5 mM DTT 30 % (w/v) glycerol

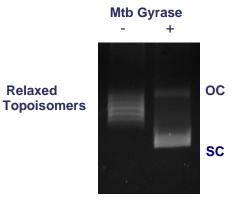
Assay Buffer (supplied as 5X stock)

50 mM HEPES. KOH (pH 7.9) 6 mM magnesium acetate 4 mM DTT 1 mM ATP 100 mM potassium glutamate 2 mM spermidine 0.05 mg/ml albumin

Supercoiling Assay

1 U of DNA gyrase is incubated with 0.5 µg of relaxed pBR322 in a reaction volume of 30 µl at 37°C for 30 minutes in Assay Buffer.

Gels are run in the absence of Ethidium Bromide or Chloroquine.



Relaxed